

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/565,007  
Source: IFW  
Date Processed by STIC: 7/25/06

# ***ENTERED***



IFWO

## RAW SEQUENCE LISTING

DATE: 07/25/2006

PATENT APPLICATION: US/10/565,007

TIME: 13:54:16

Input Set : A:\2006-07-10 3493-0158PUS1.ST25.txt

Output Set: N:\CRF4\07252006\J565007.raw

3 <110> APPLICANT: INSTITUT EUROPEEN DE BIOLOGIE CELLULAIRE  
 4 PINEL Anne-Marie  
 5 HOCQUAUX Michel  
 7 <120> TITLE OF INVENTION: USE OF PEPTIDIC CONJUGATES FOR PREPARING COMPOSITIONS FOR ALOPECIA  
 8 PREVENTIVE AND CURATIVE TREATMENT  
 10 <130> FILE REFERENCE: 3493-0158PUS1  
 12 <140> CURRENT APPLICATION NUMBER: US 10/565,007  
 13 <141> CURRENT FILING DATE: 2006-01-18  
 15 <150> PRIOR APPLICATION NUMBER: PCT/FR2004/001879  
 16 <151> PRIOR FILING DATE: 2004-07-16  
 18 <150> PRIOR APPLICATION NUMBER: FR 03/08801  
 19 <151> PRIOR FILING DATE: 2003-07-18  
 21 <160> NUMBER OF SEQ ID NOS: 19  
 23 <170> SOFTWARE: PatentIn version 3.2  
 25 <210> SEQ ID NO: 1  
 26 <211> LENGTH: 6  
 27 <212> TYPE: PRT  
 28 <213> ORGANISM: Artificial sequence  
 30 <220> FEATURE:  
 31 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide  
 33 <220> FEATURE:  
 34 <221> NAME/KEY: misc\_feature  
 35 <222> LOCATION: (1)..(3)  
 36 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present  
 37 or absent  
 39 <400> SEQUENCE: 1  
 W--> 41 Xaa Xaa Xaa Gly His Lys  
 42 1 5  
 45 <210> SEQ ID NO: 2  
 46 <211> LENGTH: 6  
 47 <212> TYPE: PRT  
 48 <213> ORGANISM: Artificial sequence  
 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide  
 53 <220> FEATURE:  
 54 <221> NAME/KEY: misc\_feature  
 55 <222> LOCATION: (1)..(3)  
 56 <223> OTHER INFORMATION: Xaa is Lys or MeLys and up to two residues may be present  
 57 or absent  
 59 <220> FEATURE:  
 60 <221> NAME/KEY: MOD\_RES  
 61 <222> LOCATION: (6)..(6)  
 62 <223> OTHER INFORMATION: AMIDATION

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64 <400> SEQUENCE: 2
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67 1 5
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 6
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73 <213> ORGANISM: Artificial sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
78 <220> FEATURE:
79 <221> NAME/KEY: MOD_RES
80 <222> LOCATION: (1)..(1)
81 <223> OTHER INFORMATION: BLOCKED
83 <220> FEATURE:
84 <221> NAME/KEY: misc_feature
85 <222> LOCATION: (1)..(3)
86 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
87 present or absent
89 <400> SEQUENCE: 3
W--> 90 Xaa Xaa Xaa Gly His Lys
91 1 5
94 <210> SEQ ID NO: 4
95 <211> LENGTH: 6
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial sequence
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103 <221> NAME/KEY: MOD_RES
104 <222> LOCATION: (1)..(1)
105 <223> OTHER INFORMATION: BLOCKED
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108 <221> NAME/KEY: misc_feature
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110 <223> OTHER INFORMATION: Xaa is Lys, MeLys, or a bond and up to three residues may be
111 present or absent
113 <220> FEATURE:
114 <221> NAME/KEY: MOD_RES
115 <222> LOCATION: (6)..(6)
116 <223> OTHER INFORMATION: AMIDATION
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W--> 119 Xaa Xaa Xaa Gly His Lys
120 1 5
123 <210> SEQ ID NO: 5
124 <211> LENGTH: 6
125 <212> TYPE: PRT
126 <213> ORGANISM: Artificial sequence
128 <220> FEATURE:
129 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide

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131 <220> FEATURE:
132 <221> NAME/KEY: MOD_RES
133 <222> LOCATION: (1)..(1)
134 <223> OTHER INFORMATION: BLOCKED
136 <220> FEATURE:
137 <221> NAME/KEY: misc_feature
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144 <223> OTHER INFORMATION: AMIDATION
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149 1 5
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153 <211> LENGTH: 5
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155 <213> ORGANISM: Artificial sequence
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162 <222> LOCATION: (1)..(1)
163 <223> OTHER INFORMATION: BLOCKED
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166 <221> NAME/KEY: misc_feature
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168 <223> OTHER INFORMATION: Xaa = MeLys
170 <220> FEATURE:
171 <221> NAME/KEY: MOD_RES
172 <222> LOCATION: (5)..(5)
173 <223> OTHER INFORMATION: AMIDATION
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178 1 5
181 <210> SEQ ID NO: 7
182 <211> LENGTH: 4
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial sequence
186 <220> FEATURE:
187 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
189 <220> FEATURE:
190 <221> NAME/KEY: MOD_RES
191 <222> LOCATION: (1)..(1)
192 <223> OTHER INFORMATION: BLOCKED
194 <220> FEATURE:
195 <221> NAME/KEY: misc_feature
196 <222> LOCATION: (1)..(1)

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197 <223> OTHER INFORMATION: Xaa = MeLys
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202 <223> OTHER INFORMATION: AMIDATION
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207 1
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212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial sequence
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216 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
218 <220> FEATURE:
219 <221> NAME/KEY: MOD_RES
220 <222> LOCATION: (1)..(1)
221 <223> OTHER INFORMATION: BLOCKED
222 <220> FEATURE:
224 <221> NAME/KEY: misc_feature
225 <222> LOCATION: (1)..(1)
226 <223> OTHER INFORMATION: Xaa = MeLys
229 <400> SEQUENCE: 8
W--> 231 Xaa Lys Lys Gly His Lys
232 1 5
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236 <211> LENGTH: 5
237 <212> TYPE: PRT
238 <213> ORGANISM: Artificial sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
243 <220> FEATURE:
244 <221> NAME/KEY: MOD_RES
245 <222> LOCATION: (1)..(1)
246 <223> OTHER INFORMATION: BLOCKED
248 <220> FEATURE:
249 <221> NAME/KEY: misc_feature
250 <222> LOCATION: (1)..(1)
251 <223> OTHER INFORMATION: Xaa = MeLys
253 <400> SEQUENCE: 9
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256 1 5
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260 <211> LENGTH: 4
261 <212> TYPE: PRT
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
267 <220> FEATURE:

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Output Set: N:\CRF4\07252006\J565007.raw

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268 <221> NAME/KEY: MOD_RES
269 <222> LOCATION: (1)..(1)
270 <223> OTHER INFORMATION: BLOCKED
272 <220> FEATURE:
274 <221> NAME/KEY: misc_feature
275 <222> LOCATION: (1)..(1)
276 <223> OTHER INFORMATION: Xaa = MeLys
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W--> 280 Xaa Gly His Lys
281 1
284 <210> SEQ ID NO: 11
285 <211> LENGTH: 5
286 <212> TYPE: PRT
287 <213> ORGANISM: Artificial sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
292 <220> FEATURE:
293 <221> NAME/KEY: MOD_RES
294 <222> LOCATION: (1)..(1)
295 <223> OTHER INFORMATION: BLOCKED
297 <220> FEATURE:
298 <221> NAME/KEY: MOD_RES
299 <222> LOCATION: (5)..(5)
300 <223> OTHER INFORMATION: AMIDATION
303 <400> SEQUENCE: 11
305 Lys Lys Gly His Lys
306 1 5
309 <210> SEQ ID NO: 12
310 <211> LENGTH: 4
311 <212> TYPE: PRT
312 <213> ORGANISM: Artificial sequence
314 <220> FEATURE:
315 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
317 <220> FEATURE:
318 <221> NAME/KEY: MOD_RES
319 <222> LOCATION: (1)..(1)
320 <223> OTHER INFORMATION: BLOCKED
322 <220> FEATURE:
323 <221> NAME/KEY: MOD_RES
324 <222> LOCATION: (4)..(4)
325 <223> OTHER INFORMATION: AMIDATION
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329 Lys Gly His Lys
330 1
333 <210> SEQ ID NO: 13
334 <211> LENGTH: 5
335 <212> TYPE: PRT
336 <213> ORGANISM: Artificial sequence
338 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/565,007

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Input Set : A:\2006-07-10 3493-0158PUS1.ST25.txt  
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3 ✓  
Seq#:2; Xaa Pos. 1,2,3 ✓  
Seq#:3; Xaa Pos. 1,2,3 ✓  
Seq#:4; Xaa Pos. 1,2,3 ✓  
Seq#:5; Xaa Pos. 1 ✓  
Seq#:6; Xaa Pos. 1 ✓  
Seq#:7; Xaa Pos. 1 ✓  
Seq#:8; Xaa Pos. 1 ✓  
Seq#:9; Xaa Pos. 1 ✓  
Seq#:10; Xaa Pos. 1 ✓  
Seq#:15; Xaa Pos. 1,2,3,7,8,9,10,11 ✓  
Seq#:16; Xaa Pos. 1,2,3,7,8,9,10,11 ✓  
Seq#:17; Xaa Pos. 1,2,3,7,8,9,10,11 ✓  
Seq#:18; Xaa Pos. 1,2,2,7,8,9,10,11 ✓

## VERIFICATION SUMMARY

DATE: 07/25/2006

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Input Set : A:\2006-07-10 3493-0158PUS1.ST25.txt

Output Set: N:\CRF4\07252006\J565007.raw

L:41 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0  
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0  
L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
L:119 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0  
L:148 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0  
L:177 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0  
L:206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0  
L:231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:255 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:396 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
L:425 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
L:459 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
L:491 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0